

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005708.D
 Acq On : 27 Sep 2018 18:44
 Operator : VA/AP
 Sample : J5118-01RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063RE

Quant Time: Sep 28 02:23:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	6071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	8126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	6484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1744	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	2698	37.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.44%	
35) Dibromofluoromethane	7.89	113	2658	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.33	98	9787	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	12.62	95	3051	39.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.26%	

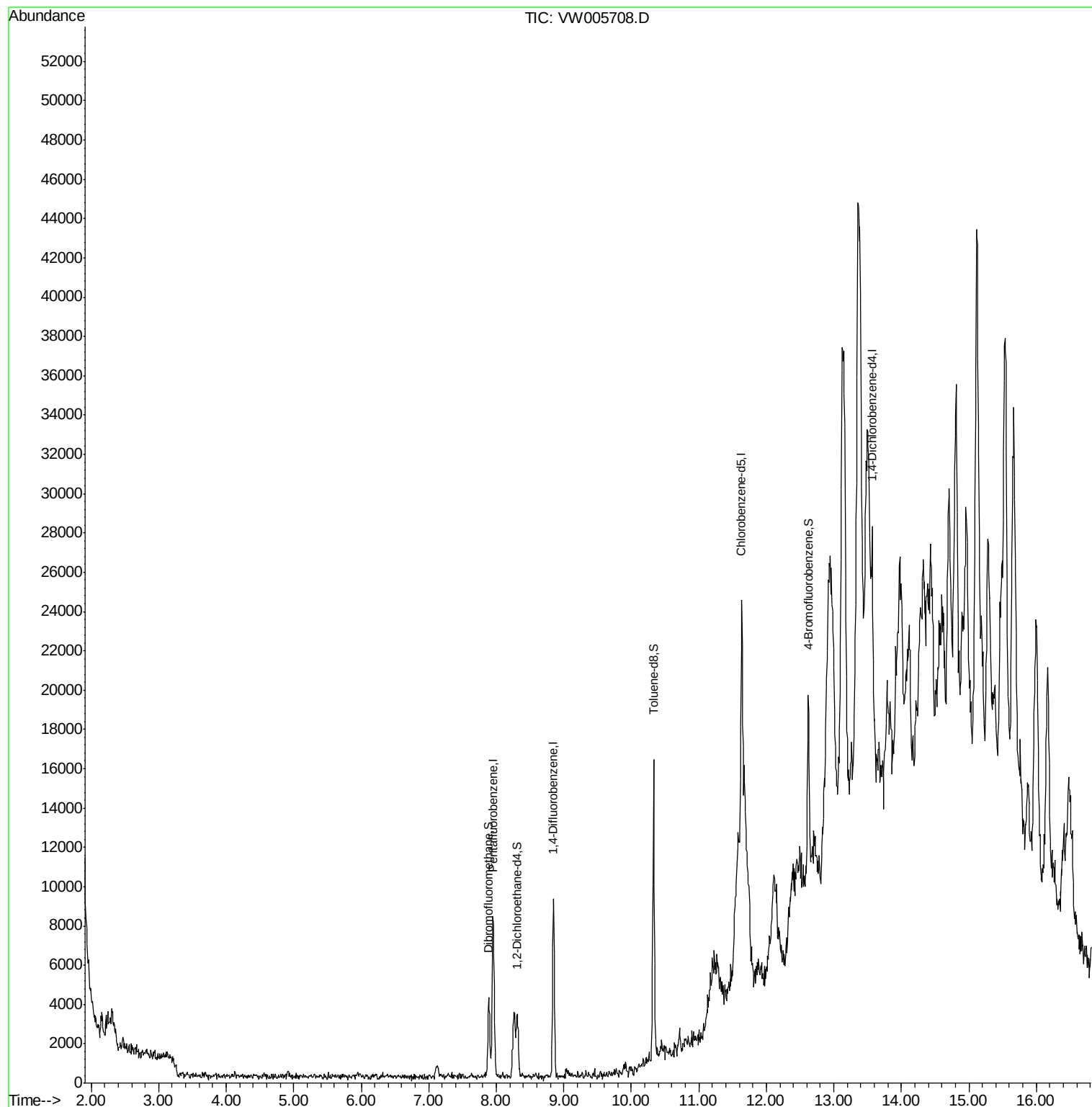
Target Compounds	Qvalue

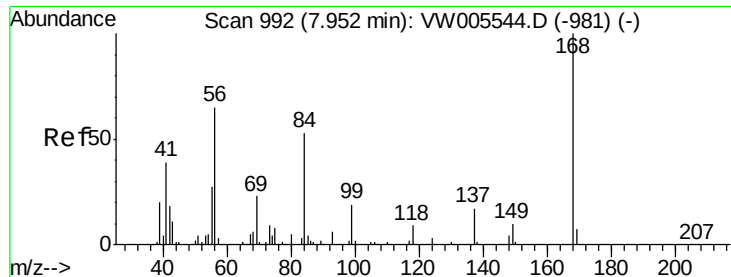
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092718\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005708.D

Acq: 27 Sep 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

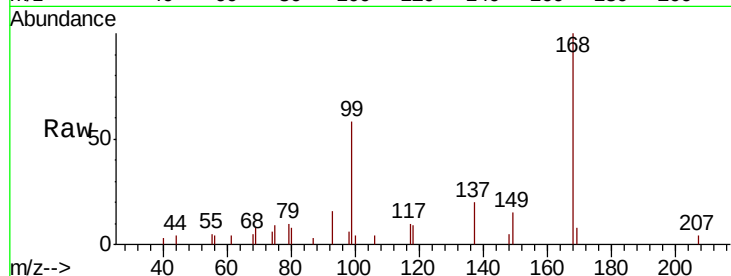
RA-092518-USTEXC-NW-L-063RE

Tot Ion:168 Resp: 6071

Ion Ratio Lower Upper

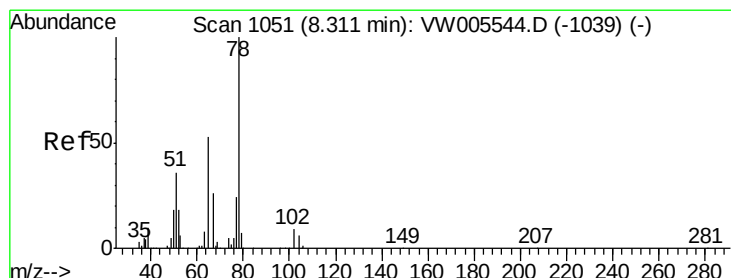
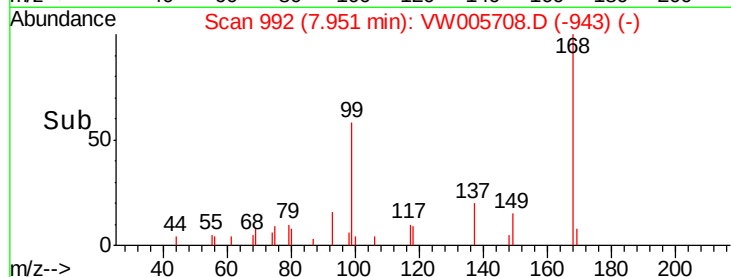
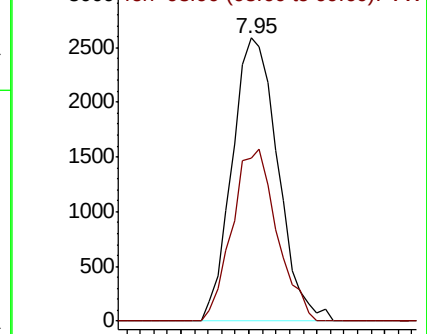
168 100

99 57.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 37.723 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005708.D

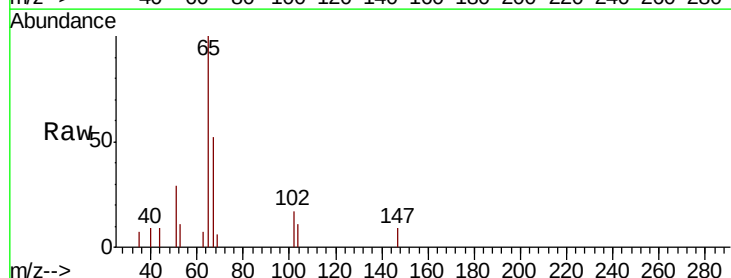
Acq: 27 Sep 2018 18:44

Tgt Ion: 65 Resp: 2698

Ion Ratio Lower Upper

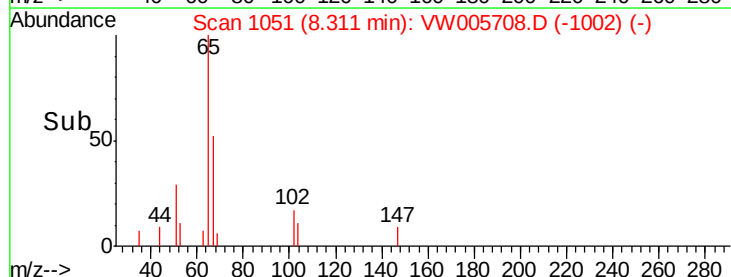
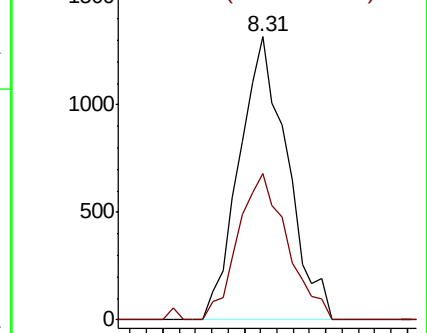
65 100

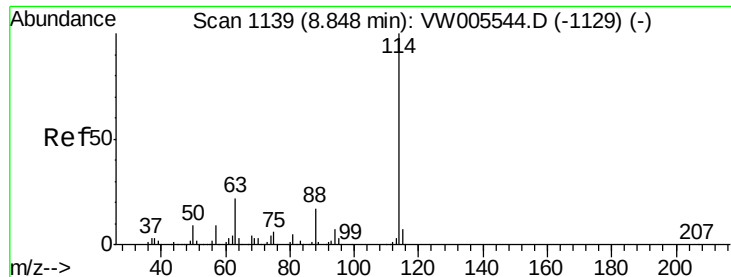
67 53.0 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

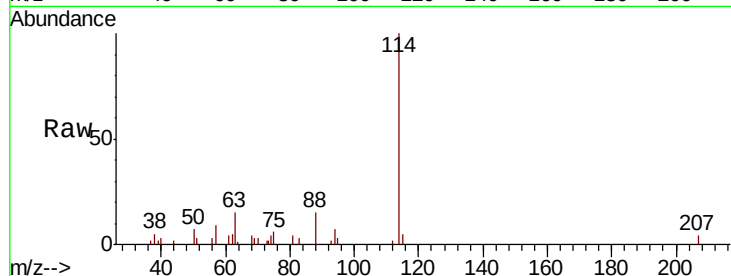




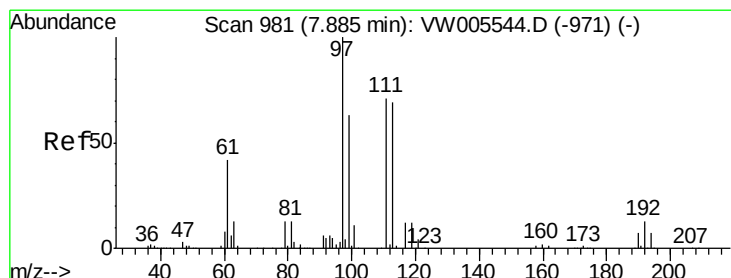
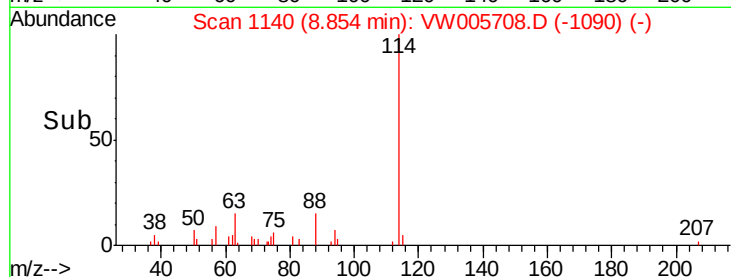
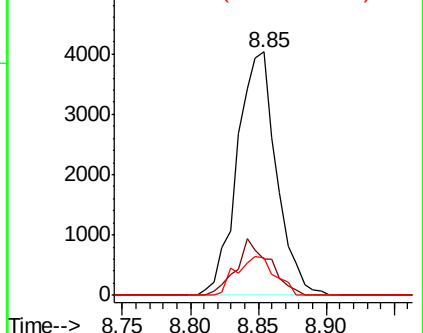
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005708.D
 Acq: 27 Sep 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063RE

Tot Ion:114 Resp: 8126
 Ion Ratio Lower Upper
 114 100
 63 14.7 0.0 43.0
 88 15.2 0.0 33.0

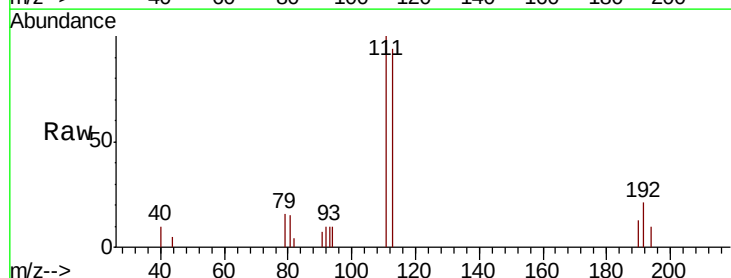


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

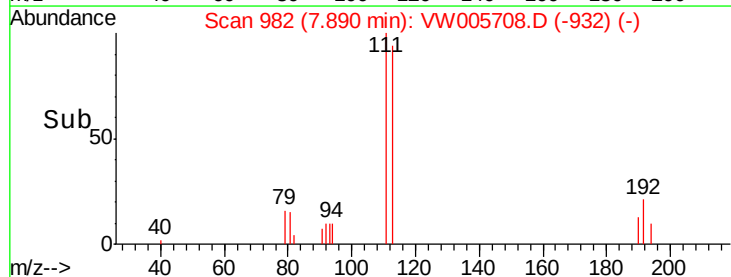
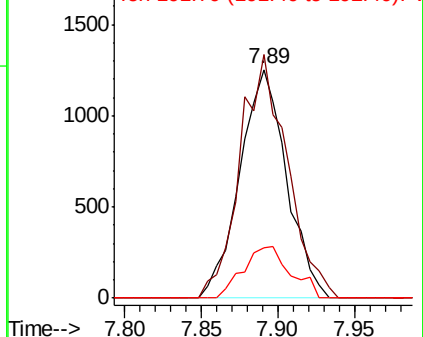


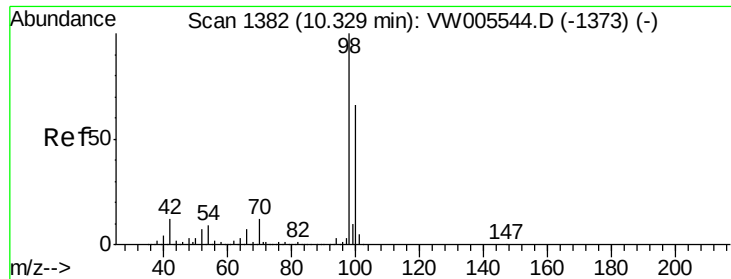
#35
 Dibromofluoromethane
 Concen: 52.014 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005708.D
 Acq: 27 Sep 2018 18:44

Tgt Ion:113 Resp: 2658
 Ion Ratio Lower Upper
 113 100
 111 107.8 82.6 123.8
 192 22.8 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

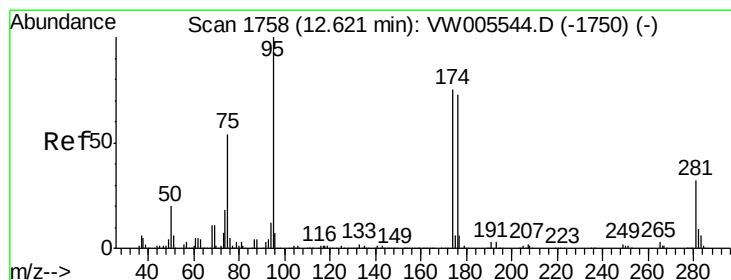
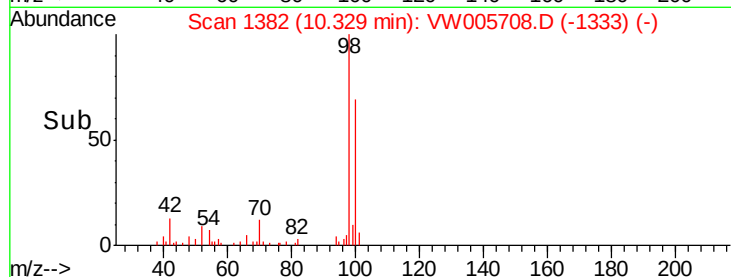
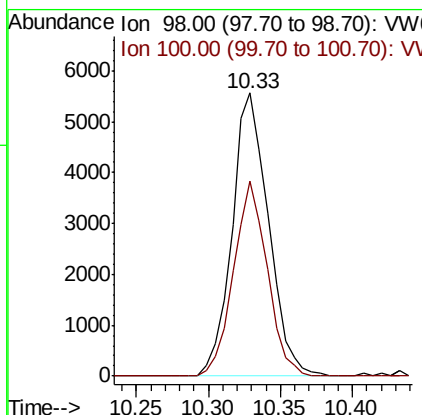
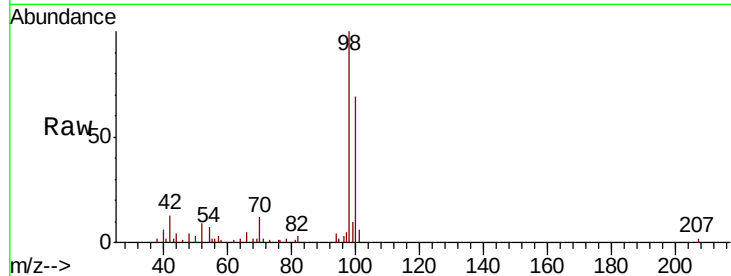




#50
Toluene-d8
Concen: 47.036 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

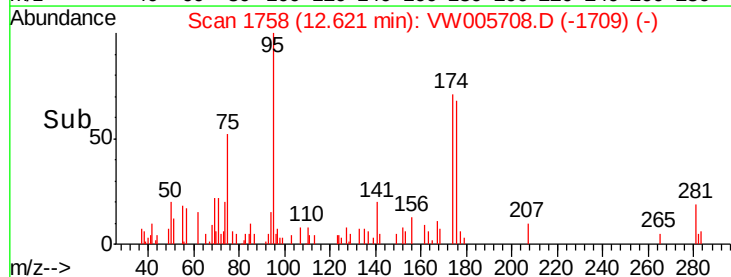
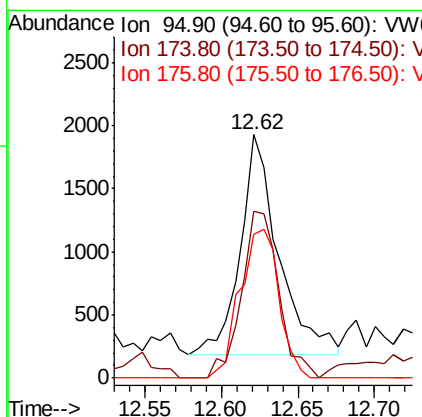
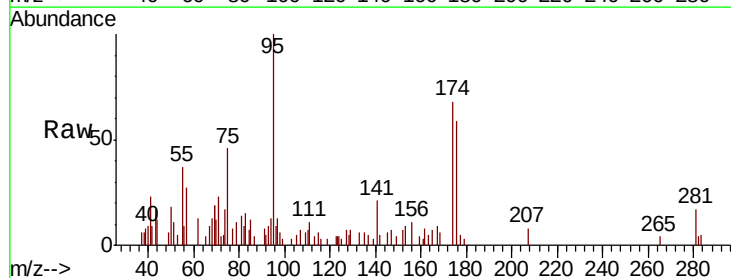
Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-L-063RE

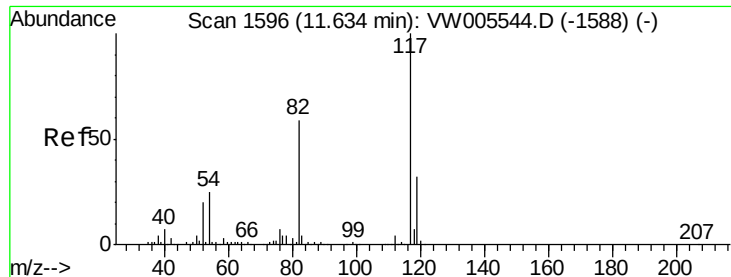
Tot Ion: 98 Resp: 9787
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.627 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Tgt Ion: 95 Resp: 3051
Ion Ratio Lower Upper
95 100
174 73.4 0.0 163.8
176 68.1 0.0 158.0

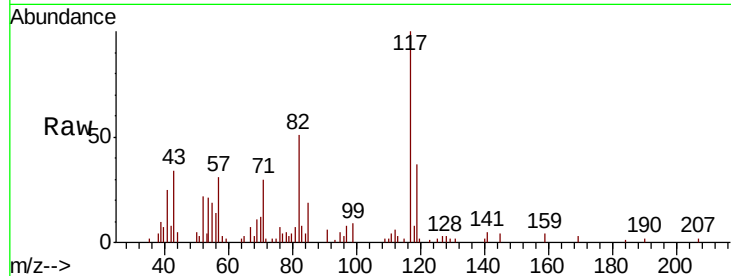




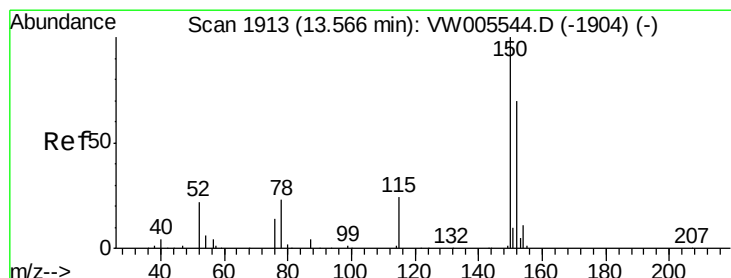
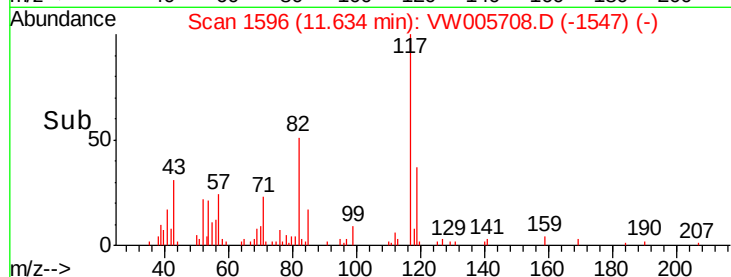
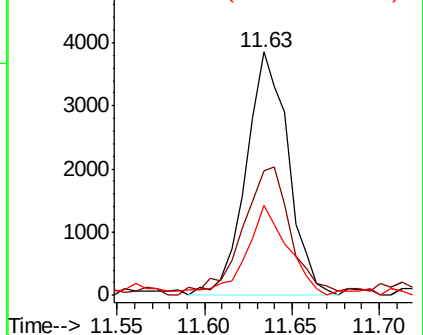
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-L-063RE

Tot Ion:117 Resp: 6484
Ion Ratio Lower Upper
117 100
82 49.5 46.9 70.3
119 34.8 25.7 38.5

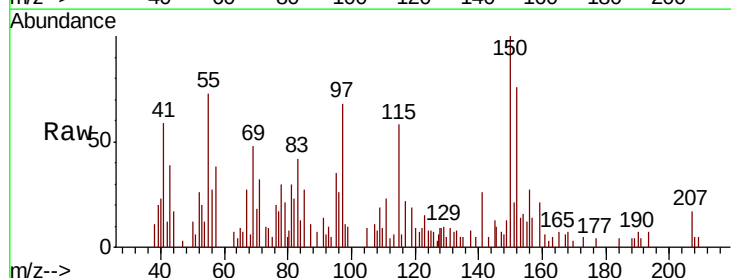


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005708.D
Acq: 27 Sep 2018 18:44

Tgt Ion:152 Resp: 1744
Ion Ratio Lower Upper
152 100
115 76.1 30.0 90.0
150 169.6 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

